

LOFREE OE921

LOFREE Flow Lite 84 Keys Low Profile Mechanical Keyboard User Manual

Model: OE921 | Brand: LOFREE

1. PRODUCT OVERVIEW

The LOFREE Flow Lite 84-Key Low Profile Mechanical Keyboard is designed for comfort, versatility, and performance. It features a compact 75% layout, low-profile Specter Linear Switches, and PBT Double Shot Keycaps for a durable and satisfying typing experience. The keyboard supports multiple connectivity modes and offers customization options through the Lofree Configurator.

Key features include:

- **Low-profile Design:** Engineered for a natural wrist position, reducing strain during extended typing sessions.
- **Specter Full POM Linear Switches:** Optimized for a light and delicate touch with a 40gf operating force, minimizing finger joint fatigue.
- **PBT Double Shot Keycaps:** Provides a comfortable matte texture and ensures character durability, with PC parts for backlighting.
- **Gasket Design:** Offers a soft and cushioned typing feel with enhanced sound-dampening.
- **Flexible 3-mode Connectivity:** Supports 2.4GHz WiFi, Bluetooth, and wired (Type-C) connections for broad compatibility across Windows, Mac, iOS, and Android devices.
- **1000Hz Polling Rate:** Ensures fast and responsive performance in all connection modes.
- **Lofree Configurator:** Allows for key remapping and customization of lighting effects (Windows only).
- **Built-in Adjustable Kickstand and Roller Volume:** Enhances ergonomics and provides intuitive volume control.
- **Remarkable Battery Life:** Up to 80 hours of working time with lights off, rechargeable via USB-C.



Figure 1: LOFREE Flow Lite 84 Keys Low Profile Mechanical Keyboard (Off-White)

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- LOFREE Flow Lite 84 Keys Low Profile Mechanical Keyboard
- USB-C to USB-A Cable
- 2.4GHz USB Receiver (stored in the keyboard's back compartment)
- User Manual

Three Mode Conneciton

with Seamless Multi-Device Switch

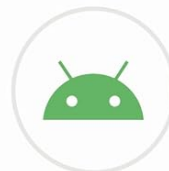
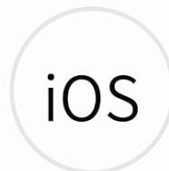
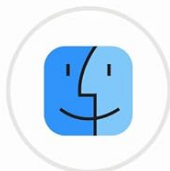


Figure 2: Keyboard and included accessories.

3. SETUP GUIDE

3.1 Initial Charging

Before first use, fully charge the keyboard using the provided USB-C cable. Connect the USB-C end to the keyboard's port and the USB-A end to a power source (e.g., computer USB port, wall adapter). The charging indicator light will show charging status.

Three Mode Conneciton

with Seamless Multi-Device Switch



Figure 3: USB-C charging port and connectivity switch.

3.2 Connectivity Modes

The Flow Lite keyboard supports three connection modes: 2.4GHz Wireless, Bluetooth, and Wired (USB-C). Use the toggle switch on the back of the keyboard to select your desired mode.

- **2.4GHz Wireless Mode:**

1. Locate the 2.4GHz USB receiver stored in the back of the keyboard.
2. Plug the receiver into an available USB port on your computer.
3. Toggle the switch on the keyboard's back to the 2.4GHz position (indicated by a specific icon). The keyboard should automatically connect.

- **Bluetooth Mode:**

1. Toggle the switch on the keyboard's back to the Bluetooth position (indicated by a specific icon).
2. On your device (computer, tablet, phone), enable Bluetooth and search for new devices.
3. Select "Flow Lite" or a similar name from the list of available devices to pair.
4. The keyboard supports up to three Bluetooth devices. Switch between them using Fn + 1/2/3.

- **Wired Mode:**

1. Connect the USB-C cable to the keyboard's port and the USB-A end to your computer.
2. The keyboard will automatically switch to wired mode and begin charging.

Three Mode Conneciton with Seamless Multi-Device Switch



Figure 4: Three-mode connectivity options.

4. OPERATING INSTRUCTIONS

4.1 Adjustable Kickstand

The keyboard features a built-in adjustable kickstand on the back, allowing you to set the typing angle for improved ergonomics. Gently pull out the kickstand to adjust the height.

1000Hz

POLLING RATE



Figure 5: Adjustable kickstand for ergonomic typing.

4.2 Volume Roller

An aluminum volume roller is located on the top right of the keyboard for convenient audio control. Roll it up or down to adjust the volume. Press the roller to mute/unmute audio.



Figure 6: Integrated volume roller for easy audio adjustment.

4.3 Function Keys (Fn)

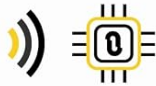
The keyboard includes dedicated function keys (F1-F12) with secondary multimedia and system control functions. Press the **Fn** key in combination with the desired function key to activate its secondary function.

- **Fn + N:** Triggers corresponding system function keys for Windows/Android.
- **Fn + M:** Triggers corresponding system function keys for Mac/iOS.
- **Fn + 1/2/3:** Switch between paired Bluetooth devices.
- **Fn + F1/F2:** Adjust backlighting brightness.
- Other Fn combinations are indicated by icons on the keycaps.

4.4 Lofree Configurator (Windows Only)

Customize key mappings and lighting effects using the Lofree Key Mapper software. This software is compatible with Windows operating systems only. Refer to the official LOFREE website for software download and detailed instructions.

Lofree Key Mapper



 **For Windows Only**

Figure 7: Lofree Key Mapper software for customization.

5. MAINTENANCE

5.1 Cleaning the Keyboard

To maintain your keyboard's appearance and functionality:

- Disconnect the keyboard from all power sources and devices before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the keycaps and body.
- Avoid excessive moisture and do not spray cleaners directly onto the keyboard.
- For debris between keycaps, use compressed air or a small brush.

5.2 Hot-Swappable Switches and Keycaps

The Flow Lite keyboard features hot-swappable switches, allowing for easy replacement without soldering. The PBT Double Shot Keycaps can also be replaced. Use appropriate tools (keycap puller, switch puller) to avoid damage.



Kailh × Lofree
New POM Buddies



Voice Refined



Upgraded POK Stem



Linear Touch



Hot Swappable

Figure 8: Specter Linear Switch design.

PBT+PC Double Shot

Design for Shine-Through

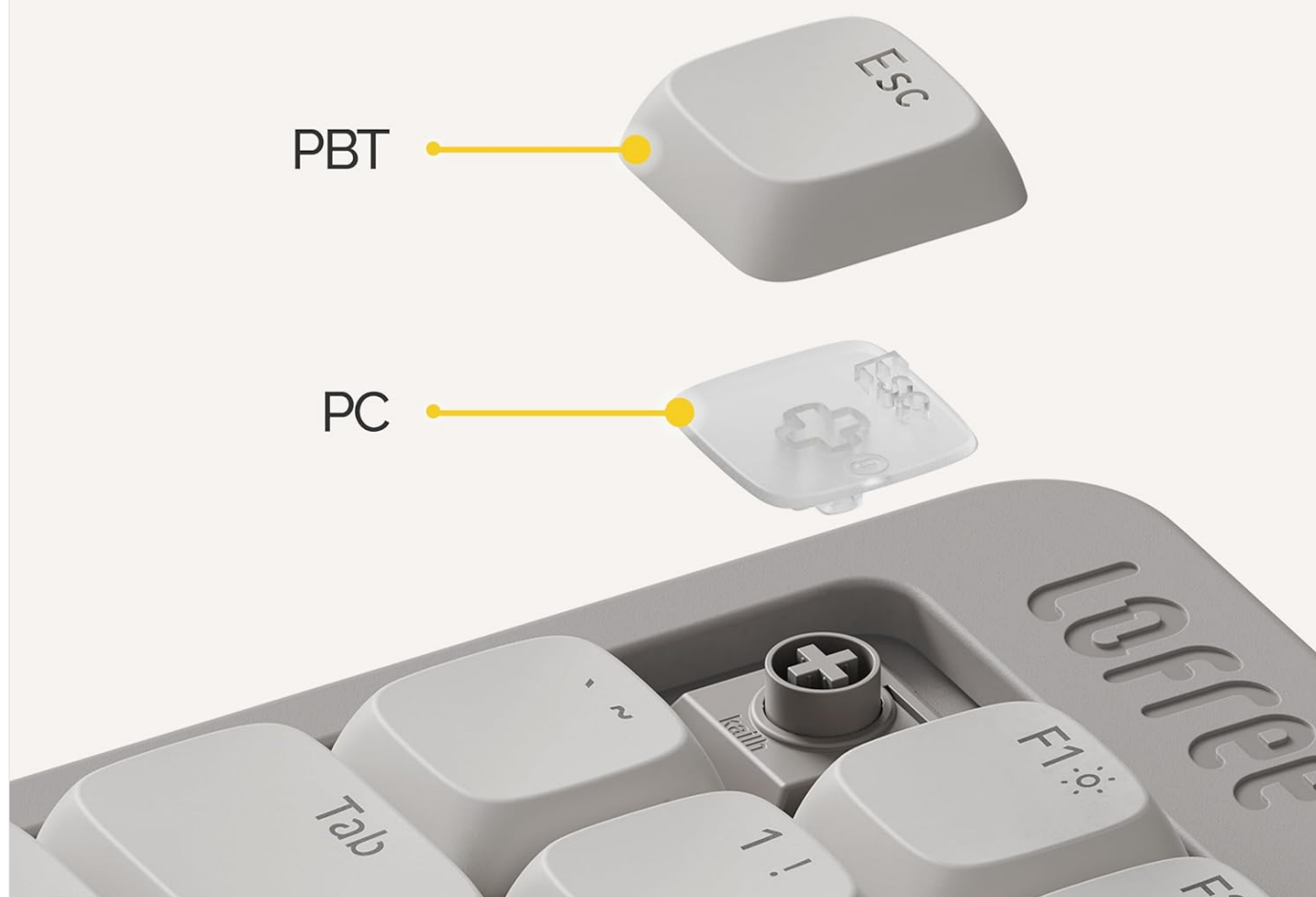


Figure 9: PBT + PC Double Shot Keycap construction.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard not responding in wireless mode.	Low battery; incorrect mode selected; out of range; pairing issue.	Charge the keyboard. Ensure the correct toggle switch position (2.4GHz or Bluetooth). Move closer to the receiver/device. Re-pair the keyboard.
Backlighting not working or dim.	Backlight turned off; low battery; brightness set too low.	Press Fn + F1 to increase brightness. Charge the keyboard.

Problem	Possible Cause	Solution
Keys not registering or double-typing.	Loose switch; software issue; interference.	Ensure switches are fully seated. Restart your computer. Check for firmware updates. Try wired connection to rule out wireless interference.
Volume roller not working.	Software conflict; system specific issue.	Ensure keyboard is connected. Check system audio settings. Restart device.

If troubleshooting steps do not resolve the issue, please contact LOFREE customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	OE921
Product Dimensions	12.45"L x 5.43"W x 0.93"H (31.62 x 13.79 x 2.36 cm)
Item Weight	1.81 pounds (0.82 kg)
Number of Keys	84
Keyboard Description	Mechanical, Low-Profile
Switch Type	Specter Linear Switches (Full POM)
Keycap Material	PBT Double Shot
Connectivity Technology	Bluetooth, 2.4GHz Wireless, USB-C Wired
Polling Rate	1000Hz (2.4GHz mode)
Battery Type	Lithium Polymer (included)
Battery Capacity	2000mAh
Battery Life	Up to 80 hours (all lights off)
Charging Time	Approx. 3 hours via USB-C
Compatible Devices	Laptop, PC (Windows, Mac, iOS, Android)
Special Features	Hotkeys and Media Keys, Volume Roller, Backlit, Low-Profile Key, Hot-Swappable
Country of Origin	China

8. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video 1: The Overview of LOFREE FLOW LITE Mechanical Keyboard. This video provides a comprehensive look at the keyboard's features and design.

9. WARRANTY AND SUPPORT

LOFREE products are designed and manufactured to the highest quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included in your package or visit the official LOFREE website. Keep your purchase receipt for warranty claims.

Contact Information:

- **Manufacturer:** LOFREE
- **EU Representative:** Apex CE Specialists GmbH, Grafenberger Allee 277, 40237 Düsseldorf, DE (info@apex-ce.de)
- **UK Representative:** APEX CE SPECIALISTS LIMITED, 6f East Union Street, Manchester, England, M16 9AE (info@apex-ce.com)
- **Website:** Refer to the user manual for specific regional support links.



Figure 10: Regulatory and representative contact details.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question